

TE20U



TE20U 配置 Configuration

发动机及液压系统

- 标准配置**
STANDARD EQUIPMENT
- ★ 洋马发动机 (Yanmar engine)
 - ★ 泵负载敏感系统 (Pump Load Sensing System)
 - ★ 挖掘复合动作 (Supports compound operation)
- 选装配置**
OPTIONAL EQUIPMENT
- ★ 电控手柄 (Electronic Control Handle)
 - ★ 属具回油管路 (Attachment Return Oil Line)
 - ★ 快换接头及管路 (Quick Coupler and Lines)
 - ★ 冷启动 (Cold Start)

行走与底盘

- 标准配置**
STANDARD EQUIPMENT
- ★ 钢履带 (Steel track)
 - ★ 行走高低速 (Travel high/low speed)
 - ★ 可变轨距 (Variable track width)
- 选装配置**
OPTIONAL EQUIPMENT
- ★ 橡胶履带 (Rubber track)
 - ★ 钢履带+橡胶块 (Steel track with rubber pads)

防护与属具

- 标准配置**
STANDARD EQUIPMENT
- ★ 土方斗 (GP Bucket)
 - ★ 破碎锤管路 (Pipe of Hammer)
- 选装配置**
OPTIONAL EQUIPMENT
- ★ 属具液压快换 (Hydraulic Quick Coupler for Attachments)
 - ★ 各类属具 (Various Excavator Attachments)

驾驶室及舒适性

- 标准配置**
STANDARD EQUIPMENT
- ★ 2柱驾驶室 (2-post canopy)
 - ★ 彩色液晶显示器 (Color LCD screen)
 - ★ 带脚踏板的行走手柄 (Travel lever with pedal)
 - ★ 遮阳板 (驾驶室款) (Sun visor)
 - ★ 收音机 (驾驶室款) (Car radio)
 - ★ 钥匙启动 (Key start)
 - ★ 可清洗脚踏 (Washable Floor mat)
 - ★ 杯架 (驾驶室款) (Cup holder)
 - ★ 前照灯 (驾驶室款) (Headlight)
 - ★ 风扇 (驾驶室款) (Fan)

- 选装配置**
OPTIONAL EQUIPMENT
- ★ 驾驶室 (Cab)
 - ★ 4柱驾驶室 (4-post canopy)
 - ★ ROPS认证驾驶室 (ROPS certified cab)
 - ★ 全悬浮座椅 (Suspension Seat)
 - ★ 加热座椅 (Heated seat)
 - ★ 12V 充电端口 (12V power outlet)
 - ★ 一键启动 (Push-button start)
 - ★ 风扇 (TE18四柱/两柱) (Push-button start)
 - ★ 杯架 (驾驶室款) (Cup holder)
 - ★ 前照灯 (TE18四柱/两柱) (Cup holder)
 - ★ 防滚翻&防落物 (ROPS & FOPS)
 - ★ 行走蜂鸣 (Travel alarm)
 - ★ 急停开关 (Emergency stop switch)
 - ★ 副配重 (Counterweight insert)
 - ★ CE认证 (CE)
 - ★ 斗杆拇指夹 (Hydraulic thumb)

宽敞通透顶棚

Spacious & Transparent Canopy
高视野全敞开式顶棚结构, 优化采光与可视范围, 提供开阔作业视野, 让周边工况一目了然, 降低操作盲区, 提升作业感知与操作便捷度。

Featuring a panoramic canopy structure with wide vision, it optimizes lighting and sight range. It delivers an open held of view for full visibility of surrounding working conditions, reducing blind spots and improving working perception and operation convenience.

灵活可调底盘

Flexible Adjustable Undercarriage
底盘宽度可在 720mm 至 1050mm 间灵活调节, 适应不同工况。窄时轻松穿越狭窄区域, 宽时增大接地面积, 降低重心, 增强松软复杂地面稳定性与安全性。

Undercarriage width adjustable between 720mm and 1050mm to suit various working conditions. Narrow mode allows easy passage through confined spaces, while wide mode increases ground contact area, lowers the center of gravity, and improves stability and safety on soft or uneven terrain.

强大偏转功能

Powerful Swing Function
工作装置左右偏转角度达 60 度和 45 度, 配合上车回转, 可在狭小空间平行墙面挖掘, 适应城市极端工况, 拓展作业能力与场景。
Working equipment achieves left/right swing angles of 60° and 45° respectively, combined with upper structure rotation. Enables parallel wall excavation in tight spaces, adapting to extreme urban job conditions and expanding operational capabilities.

高效动力系统

Efficient Power System
搭载洋马发动机, 耐用且寿命长。涡轮增压与间接喷射技术优化燃油雾化, 提升燃烧效率, 提供强劲动力, 适应严苛工况。

Equipped with a durable Yanmar engine built for long service life. Turbocharging and indirect injection technology optimize fuel atomization, improving combustion efficiency to deliver robust power for demanding work environments.

通用属具接口

Universal Attachment Interface
设计标准化属具接口, 无缝对接破碎锤、抓斗、打桩器等多种属具, 满足城市建设、园林、水利等不同工程需求。
Standardized attachment interface allows seamless integration with various tools such as breakers, grapples, and pile drivers—to meet diverse construction needs in urban development, landscaping, and water conservancy projects.



采用符合 ISO/CE 标准的设计
最大程度降低事故造成的损害。
ISO/CE-compliant design for maximum
reduction of accident-related damage.



引擎室采用“精准开口”设计
并配有锁定机构, 确保开合便利且安全可靠。
The hood features a "measured opening" design with a locking
mechanism, ensuring convenient access and reliable security.

TE20U 性能参数

型号 Model	TE20U
重量 Operating weight (T)	1.86
铲斗容量 Bucket capacity (m³)	0.05
发动机型号 Engine model	YANMAR 3TNV74F-SPTY1C
功率 Rated power (kw/r/min)	11.2/2400
排放标准 Emission Standard	Euro V EPA
燃油箱容积(L) Volume of fuel tank (L)	20
行走速度 Travel speed (km/h)	2.1/4.2
回转速度 Swing speed(r/min)	10
爬坡能力 Max climbing degree %	55
铲斗挖掘力 Bucket digging force at power max (KN)	15
斗杆长度 Arm length (mm)	950
动臂长度 Boom length (mm)	1720
接地比压 verage grounding pressure(KPA)	30.4
液压油箱容积 Volume of hydraulic tank (L)	16

整体尺寸

型号 Model	TE20U
A-总长 A-Overall length (mm)	3460
B-总宽 B- Overall width (mm)	950/1270
C-总高(吊臂顶部) C-Overall height (boom top) (mm)	1450
D-总高(驾驶室顶部) D-Overall height (to top of cab) (mm)	2440
E-配置地面间隙 E-Counterweight ground clearance (mm)	460
F-最小离地间隙 F-Min. ground clearance (mm)	175
G-尾部回转半径 G-Tail swing radius (mm)	650
H-履带接地长度 H- Track grounding length (mm)	1180
J-履带长度 J-Track length (mm)	1530
K-轨距 K-Track gauge(mm)	720/1050
L-履带宽度 L-Track width (mm)	950/1270
M-履带板宽度 M-Track shoe width (mm)	230
N-转台宽度 N-Turntable width (mm)	950

工作范围

型号 Model	TE20U
O-最大挖掘高度 O-Max. digging height (mm)	3350
P-最大卸载高度 P-Max. dumping height (mm)	2365
Q-最大挖掘深度 Q-Max. digging depth (mm)	2185
R-最大垂直壁挖掘深度 R-Max. vertical wall digging depth (mm)	1775
T-最大挖掘距离 T-Max. digging reach (mm)	3785
U-在地平面的最大挖掘距离 U-Max.digging reach at ground level (mm)	3675
V-最小回转半径 V-Min. swing radius (mm)	1805
W-最小回转半径时最大高度 W-Max. height at min swing radius (mm)	2635
X-回转中心至后端部的距离 X-Distance from swing center to rear (mm)	650
Z-配置高度 Z-Height of counterweight (mm)	783
A1-地面长度 A1-Grounding length (in transportation) (mm)	2250

注意：由于技术持续改进, 相关参数可能变更而不另行通知, 请以实际样机为准, 获取准确规格信息。
Note: Due to continuous technological improvements, parameters may vary without prior notice. Please refer to the actual sample machine for accurate specifications.